

**FORM PTO - 1449 (Modified)**

List of Patents and Publications

For Applicant's Information

Disclosure Statement

(Use Several Sheets if Necessary)

ATTORNEY DOCKET NO: 6006-009

APPLICANT: Bailey, et al

FILING DATE: 2/14/01

SERIAL NO: 09/783,633

GROUP: 3738

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
TB ↓ TB	AA1	6,016,693	1/25/00	Viani, et al.	73	105
	AB1	4,935,345	6/19/90	Guilbeau, et al.	435	14
	AC1	5,411,551	5/2/95	Winston, et al.	623	1
	AD1	5,540,828	7/30/96	Yacynych	204	418
	AE1	5,797,898	8/25/98	Santini, Jr., et al.	604	890.1
	AF1	5,833,603	11/10/98	Kovacs, et al.	600	317
	AG1	5,837,446	11/17/98	Cozzette, et al.	435	6
	AH1	5,837,454	11/17/98	Cozzette, et al.	435	6
	AI1	5,858,801	1/12/99	Brizzolara	436	518
	AJ1	5,874,047	2/23/99	Schoning, et al.	422	82.02
	AK1	5,880,552	3/9/99	McGill, et al.	310	313 R

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
TB	AL1	00/59370	10/12/00	WIPO	A61B 5/00	
↓	AM1	98/50773	11/12/98	WIPO	G01N 33/542, 27/00, 27/04	
TB	AN1	98/29030	7/9/98	WIPO	A61B 5/02	
	AO1	61-88135	5/6/86	Japan	G01N 27/30	
	AP1					

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

TB AR1 "Continuous Monitoring of Blood Glucose Levels" [www.animascrop.com/sensor\\_f.html](http://www.animascrop.com/sensor_f.html), pp 1-3 (3/6/00)

AS1 "Gluc Watch: One Step Closer" <http://diabetes.about.com/health/diabetes/library/weekly/aa121099.htm>, pp. 1-5 (12/10/99)

TB AT1 "Micro Flow and Pressure Sensors" by Center for Microelectronic Sensors and MEMS, [www.mems.uc.edu/research/r101.htm](http://www.mems.uc.edu/research/r101.htm), pp 1 (10/17/00)

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TB	AA2	5,914,026	6/22/99	Blubaugh, Jr.	205	792
	AB2	5,922,183	7/13/99	Rauh	204	403
	AC2	5,932,953	8/3/99	Drees, et al.	310	324
	AD2	5,964,993	10/12/99	Blubaugh, Jr.	204	403
	AE2	5,967,986	10/19/99	Cimochowski	600	454
	AF2	5,976,466	11/2/99	Ratner, et al.	422	82.11
	AG2	6,004,441	12/21/99	Fujiwara, et al.	204	412
	AH2	6,017,775	1/25/00	Igel, et al.	438	48
	AI2	6,030,827	2/29/00	Davis, et al.	435	287.1
	AJ2	6,091,980	7/18/00	Squire, et al.	600	381
	AK2	6,296,615	10/2/01	Brockway, et al.	600	486

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Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
AL2						
AM2						
AN2						
AO2						
AP2						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

TB AR2 "Fighting Diabetes: UD Researchers Move Closer to Chip-Based Control of 'Smart' Implantable Insulin Pumps" by University of Delaware, [www.sciencedaily.com/releases/1999/06/990608071652.htm](http://www.sciencedaily.com/releases/1999/06/990608071652.htm), pp 1-3 (6/8/99)

AS2 "Getting under the skin: Implantable electrochemical glucose sensors are moving closer to commercialization" *Analytical Chemistry News & Features*, pp 594A -598A (September 1, 1998)

TB AT2 "The Future of Medical Microelectronmechanical Systems" by Robert S. Seeley, MEM Archive, pp 1-7 (1/96)

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
TB	AA3	6,237,398	5/29/01	Porat, et al.	73	54.09
	AB3	2001/0026111	10/4/01	Doron, et al.	310	322
	AC3	6,239,724	5/29/01	Doron, et al.	340	870.28
	AD3	6,140,740	10/31/00	Porat, et al.	310	322
	AE3	5,346,508	9/13/94	Hastings	607	99
	AF3	6,231,516	5/15/01	Keilman, et al.	600	485
	AG3	6,103,033	8/15/00	Say, et al.	156	73.1
	AH3	5,061,914	10/29/91	Busch, et al.	337	140
	AI3	5,084,151	1/28/92	Vallana, et al.	204	192.11
	AJ3	5,133,845	7/28/92	Vallana, et al.	204	192.15
	AK3	4,665,906	5/19/87	Jervis	128	92

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AL3						
AM3						
AN3						
AO3						
AP3						

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- TB AR3 "Introduction to Sensors", The National Academy of Sciences, pp. 9-17 (1995, 2000)
- AS3 "Preliminary Design of an Implantable Biosensor for the Detection and Differentiation of Acute Rejection, Vascular Occlusion and Infection in the Liver or Kidney Transplant Graft", Master of Science Thesis, Massachusetts Institute of Technology, Cambridge Dept of Mechanical Engineering, pp. 1 (June 2000)
- TB AT3 "Transformation Temperature Hysteresis in NiTi Alloys", Shape Memory Applications, Inc., pp. 1-2 (1999)

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
TA ↓ TB	AA4	5,190,546	3/2/93	Jervis	606	78
	AB4	5,358,615	10/25/94	Grant, et al.	204	192.15
	AC4	5,370,684	12/6/94	Vallana, et al.	623	1
	AD4	5,597,378	1/28/97	Jervis	606	78
	AE4	5,597,458	6/28/97	Sanchez, Jr.	204	192.3
	AF4					
	AG4					
	AH4					
	AI4					
	AJ4					
	AK4					

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AL4						
AM4						
AN4						
AO4						
AP4						

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AR4

AS4

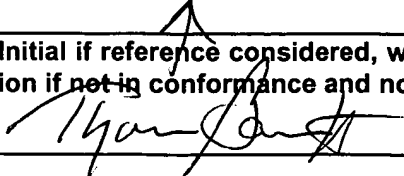
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**Continued**

- 19 1. "Biosensor Research Targets Medical Diagnostics" by Gabriel Spera, R&D Horizons, pp. 1-9 (11/11/97)
2. "Synthetic Blood International Announces New Glucose Biosensor Development Program with UMM Electronics", Press Release, pp. 1-2 (8/7/00)
3. "Glucose Biosensor", Synthetic Blood International, Inc. Press Release, pp. 1-2
4. "Preliminary Design of an Implantable Biosensor for the Detection and Differentiation of Acute Rejection, Vascular Occlusion, and Infection in the Liver of Kidney Transplant Graft" by Ms. Megan Mary Owens, Thesis Abstract, pp 1 (June 2000)
5. "Biosensors Based on Piezoelectric Crystal Detectors: Theory and Application" by Ashok Kumar, JOM-e, Vol. 52 pp. 1-9 (October 2000)
6. "Biosensors: Past, Present and Future", by Anthony P.F. Turner, Essays in Biotechnology, pp. 1-7 (1996)
7. "Biosensors Defined" Environmental Science & Technology, pp. 1 (November 1996)
8. "Rapid Mechanotransduction in Situ at the Luminal Cell Surface of Vascular Endothelium and Its Caveolae", by V. Rizzo, A. Sung, P. Oh and J. Schnitzer, Journal of Biological Chemistry, Vol. 273, No. 41, pp. 26323-26329 (October 9, 1998)
9. "Human Endothelial Cell Cultures from Progenitor Cells Obtained by Leukapheresis" by D.A. Hernandez, et al., Southeastern Surgical Congress, pp. 1-8, (2000)
10. "Angiogenesis and Cancer Control: From Concept to Therapeutic Trial" by S. Brem, MD, Cancer Control Journal, Vol. 6, No. 5, pp 1-28 (2000)
11. "Therapeutic Angiogenesis" by Jeffrey M. Isner and Takayuki Asahara, Frontiers of Bioscience, Vol. 3, pp. e49-69 (May 5, 1998)
12. "Shape Memory Alloys" by D.E. Hodgson, et al., Shape Memory Applications, Inc., pp. 1-11 (1999)
13. Glossary of NiTi Terminology", www.sma-inc.com/glossary.htm, pp. 1-2 (1999)
14. "Transformation Temperature Hysteresis in NiTi Alloys" www.sma-inc.com/glossary.htm, pp. 1-2 (1999)

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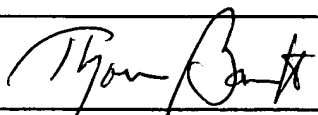
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15. Growth Factors as a Potential New Treatment for Ischemic Heart Disease" by C. Bauters, M.D., Clin. Cardiol., Vol. 20 (Suppl. II), pp. II-52 - II-57) (1997)
16. "Vasoactive peptides modulate vascular endothelial cell growth factor production and endothelial cell proliferation and invasion" by A. Pedram, et al., J. Biol Chim, Vol. 272, No. 27, pp. 17097-103 (1997)
17. "Sensors and Sensor Systems", Sensors and Technology, pp. 1-10
18. "Micro Biological and Chemical Sensors", Center for Microelectronic Sensors and MEMS, pp. 1 (5/25/97)
19. "MEMS Could Unlock Door to Early Diagnosis, Intervention in Cardiovascular Disease" CUT Technology, pp 1-2 (Fall 1999)
20. "Noninvasive vascular ultrasound: An asset in vascular medicine" by R. Reneman and A. Hocks, Cardiovascular Research, Vol. 45, pp. 27-35 (2000)
21. "Novel Imaging Modalities" 2000 Transcatheter Cardiovascular Therapeutics Poster Abstracts, pp. 271-284 (2000)
22. "Biocompatibility Aspects of New Stent Technology" by O.F. Bertrand, et al., JACC, Vol. 32, No. 3, pp. 562-567 (September 1998)
23. "Advances in Coronary Stenting" by R.H. Stables and U. Sigwart, JACC, Journal Review, pp. 27-30 (May/June 1998)
24. "AHA Abstract Viewer Search Results",
25. "Sensor Technology", Technical Insights, John Wiley & Sons, Inc., pp 1-2 (1997)
26. "S.C.A.N. Individual Microchip Technology, Frequently Asked Questions (FAQ)", Microchip Technology, pp 1.-24 (2001)
27. "Solid State Biosensors" by J. Mentz, B. Banks, J. Freibert, H. Geffken, and P. Hanson, Spring 1998 MSE 4206 Project, pp. 1-30 (April 27, 1998)
28. "Biomaterial research: Enhancing the quality of life" by STNEWS, pp. 1-9 (1998)

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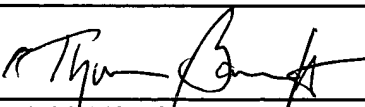
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39. "Nano-and MEMS Technologies for Chemical Biosensors, Program Overview", Howard Weetall, Program Manger, Advanced Technology Program NIST, pp. 1-12 (1998)
30. "IBM and University Researchers Uncover New Biomechanical Phenomenon Using Tiny Silicon 'Fingers'", IBM, <http://monet.physik.unibas.ch/nose/biosensor>, pp. 1-6, April 14, 2000
31. "Biosensors and Biochips", [www.ornl.gov/virtual/biosensors](http://www.ornl.gov/virtual/biosensors), pp. 1-2 (2000)
32. "Biosensors May Revolutionize Space Life Support" by Glen Golightly, Business Technology, pp. 1-3, January 26, 2000
33. "Biosensors and Bioelectronics" by C.R. Lowe, The Institute of Biotechnology, pp. 1-2, March 2000
34. "Biosensors and Other Medical and Environmental Probes" by K. Bruce Jacobson, Biosensors, pp. 1-15 (2000)
35. "Advanced Biosensors Promise to Fight Disease" by Dana Stone, NIE, 71.2, pp. 1-3, August 1999
36. "An Introduction to Biosensors" by Craig Pohan and Matt Armstrong, Rensselaer Polytechic Institute, pp. 1-2 (1995)
37. "Biosensors" by UCSD Department of Chemistry and Biochemistry, pp. 1-2 (2000)
38. "Coatings for Blood-Contacting Device" by Aron B. Anderson and David L. Clapper, Medical Plastics and Biomaterials, pp. 1-9 (1998)
39. "ISSYS Crafts MEMS Devices to Advance Real-World Systems Applicatons", Sensor Business Digest, Sensor Industry Developments and Trends, pp. 1-7, April 2000
40. "First Annual Beacon Symposium 'Biosensors'", The Biomedical Engineering Alliance for Connecticut (BEACON), pp. 1-13 October 2, 1998

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10. Identification Of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

NOTE: 37 CFR 1.56(b) states: "Disclosures . . . may be made to the Office through an attorney or agent having responsibility for the preparation or prosecution of the application or through an inventor who is acting in his or her own behalf."

The person making this statement is

(check each applicable item (a) and (b))

(a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
Type name of inventor who is signing

(b) ☒ the attorney who signs below on the basis of:

(check each applicable item)

☐ the information supplied by the inventor(s)

☐ which has been reviewed by the attorney

☐ which has **not** been reviewed by the attorney

☒ the information in the attorney's file

Reg.No.: 31,872

  
\_\_\_\_\_  
SIGNATURE OF ATTORNEY

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David G. Rosenbaum  
Type or Print Name of Attorney

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